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ICS 33.040
CCS M15

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3727.4-2022

Packet-enhanced Optical Transport Network (OTN) Network Management Technical Requirements - Part 4: Generic Information Model for EMS-NMS Interface

分组增强型光传送网（OTN）网络管理技术要求 第4部分：EMS-NMS接口通用信息模型

(English Translation)

Issued on: April 8, 2022 **Implemented on: July 1, 2022**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-3727-4-2022

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1 Foreword

YD/T 3727.4-2022 was issued by Ministry of Industry and Information Technology on 8 April 2022 and has been in force since 1 July 2022.

It is one of 5 parts of the YD/T 3727 series.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

This standard specifies the general information model and functions of the EMS-NMS interface in the packet-enhanced optical transport network (OTN) network management system. This standard is applicable to the implementation of multi-vendor interoperability of packet-enhanced OTN network management systems.

YD/T 3727.4-2022 falls under ICS 33.040, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

YD/T 3727.1-2020 - Packet enhanced optical transport network (OTN) network management technical requirements - Part 1: Basic principles

YD/T 3727.2-2020 - Packet enhanced optical transport network (OTN) network management technical requirements - Part 2: NMS system functions

YD/T 3727.3-2022 - Part 3: EMS-NMS Interface Function

YD/T 3727.5-2022 - Part 5: EMS-NMS Interface Information Model Based on XML/SOAP Technology

Standards on related subjects:

YZ/T 0173-2020 - Specifications for regulatory data access of intelligent mail and parcel locker and intelligent self-express service machine

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 15

Prefix YD/T: recommended standard.

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